



**THE COUNTY OF GALVESTON**

**RUFUS G. CROWDER, CPPB**  
PURCHASING AGENT

**GWEN MCLAREN, CPPB**  
ASST. PURCHASING AGENT

COUNTY COURTHOUSE  
722 Moody (21<sup>st</sup> Street)  
Fifth (5<sup>th</sup>) Floor  
GALVESTON, TEXAS 77550  
(409) 770-5371

June 14, 2012

**RE: ADDENDUM #2**  
**RFP #B121024, Juvenile Justice Center Boiler Replacement Project**

To All Prospective Proposers,

The following information is being provided to aid in preparation of your proposal submittal(s):

***Question #1: Is there an electrical drawing?***

Response: There are no new electrical drawings. See Attachment 1 for the original drawing for the existing boilers.

***Question #2: Is there a control sequence describing the integration of existing controls with new controller?***

Response: **Hot Water System**  
The boilers and hot water pumps will operate on a lead/lag schedule with the lead switching weekly. The lead hot water pump and boiler will be started whenever any space sensor senses a need for heat. The hot water flow switch will enable the boiler when water flow through the boiler has been proven. The three (3) way boiler bypass valve will modulate to maintain hot water supply temperature according to the following reset schedule:

Outdoor Temperature	Hot Water Supply Temperature
20	180
70	110

The lag pump and boiler will be started whenever the lead boiler valve is fully open to the boiler and the system hot water return temperature is five degrees below setpoint for twenty minutes.

***Question #3: In the existing pipe configuration it appears that the pumps are dedicated to each boiler. In the new configuration will they be primary and secondary, or both run at the same time?***

Response: The pumps will be primary and secondary.

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*Question #4: is bacnet required for the sq-elite-ht controller to trane tracer?*

Response: Please provide new boilers with BACnet/IP or LON communications so they can be integrated to the existing control system to achieve the sequence identified in question #2.

*Question #5: We are attempting to provide a quotation for materials for the Galveston County RFP: Juvenile Justice Boiler Replacement Project.*

*However, the mechanical sheet M1.0 is not posted on ISQFT and that may have additional information and items that we would require to provide a proper quotation. Was this sheet left out in error, or does it not exist?*

*If it was left out will it be added prior to the bid date of 6/21/12?*

Response: Page M1.0 was inadvertently omitted from the plans. Please see Attachment 2, mechanical sheet M1.0.

As a reminder, the deadline for submitting proposals is as follows:

**Date: Thursday, June 21, 2012**

**Time: 10:00 a.m.**

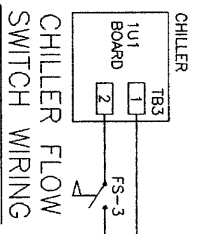
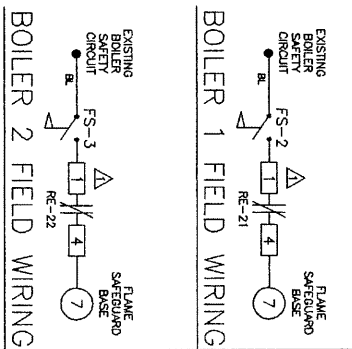
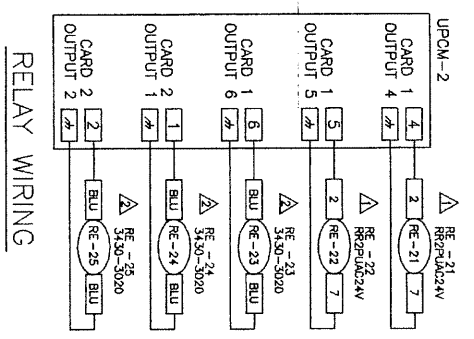
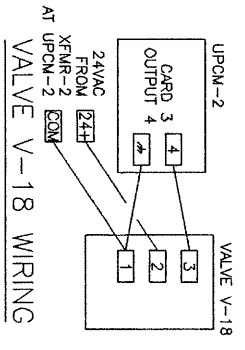
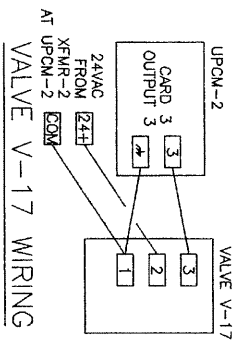
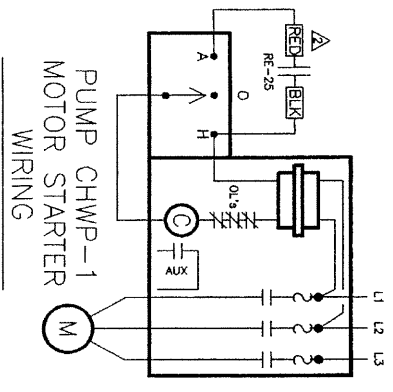
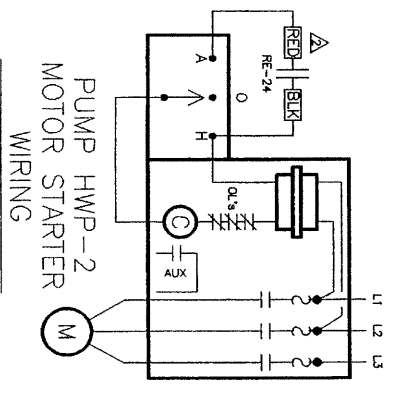
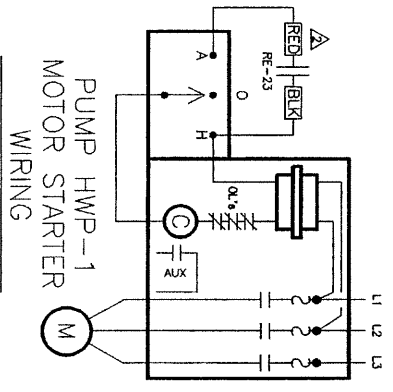
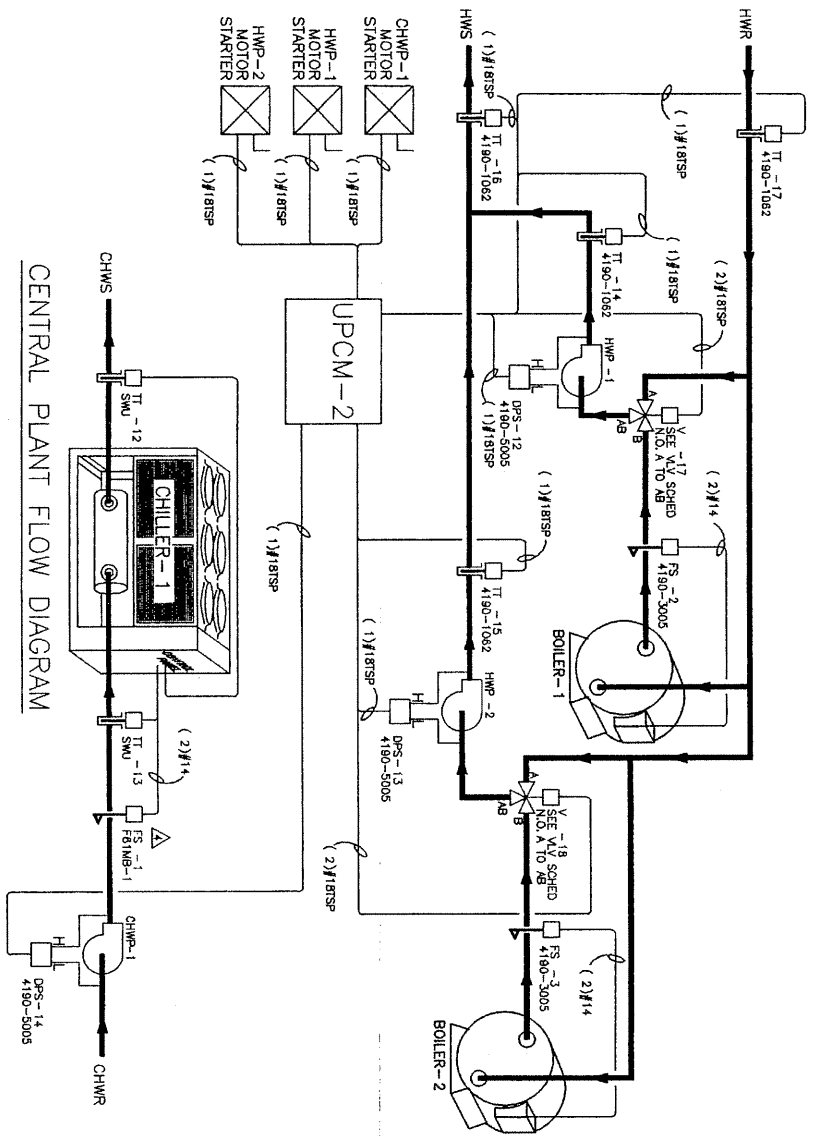
Please send Proposal submittals to:  
**Galveston County Purchasing Agent**  
**Attention: Rufus Crowder, CPPB**  
**722 Moody (21<sup>st</sup> Street), Fifth (5<sup>th</sup>) Floor**  
**Galveston, Texas 77550**

Sincerely,



Rufus G. Crowder, CPPB  
Purchasing Agent  
Galveston County

# **ATTACHMENT 1**

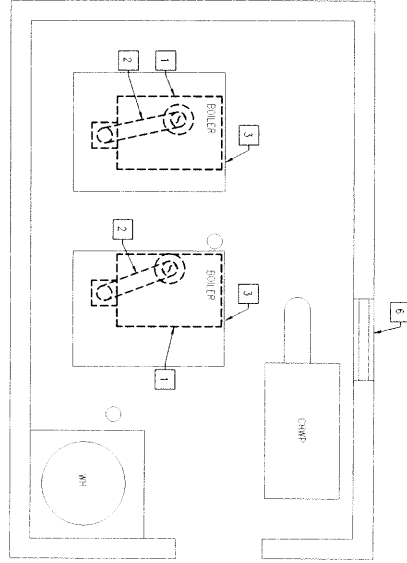


- NOTES:**
- ▲ MOUNT RELAY IN BOILER CONTROL CABINET.
  - ▲ MOUNT RELAY IN MOTOR STARTER.
  - ▲ TEMPERATURE SENSORS FACTORY MOUNTED AND WIRED. OUTDOOR AIR SENSOR ALSO INCLUDED.
  - ▲ FS-1 TO BE MOUNTED OUTDOORS. CONDUIT MUST BE WEATHERTIGHT.

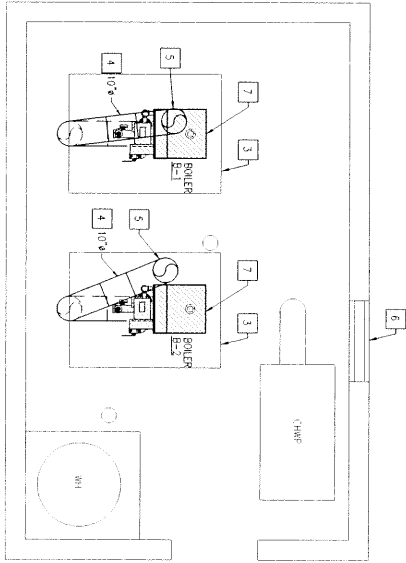
<p>TYRANITE Serving Mechanical Systems Worldwide</p>	<p>HOUSTON, TEXAS 10555 Westport, Houston, TX 77042 (713) 380-4000</p>	<p>HOUSTON, TEXAS 10555 Westport, Houston, TX 77042 (713) 380-4000</p>
	<p>HOUSTON, TEXAS 10555 Westport, Houston, TX 77042 (713) 380-4000</p>	<p>HOUSTON, TEXAS 10555 Westport, Houston, TX 77042 (713) 380-4000</p>

TRANE JOB # B100163  
DATE 1/19/95  
DRAWN BY: K. CURT  
CHKD BY: K. CURT  
Drawing Name: CHPLANT  
Page: 18

# **ATTACHMENT 2**



**1** DEMOLITION PLAN  
 W1.0 SCALE: 1/2" = 1'-0"



**2** MECHANICAL PLAN  
 W1.0 SCALE: 1/2" = 1'-0"

**KEYED NOTES**

- 1 REMOVE EXISTING BOILER AND ASSOCIATED PIPING, SUPPORTS, CONTROLS AND POWER WIRING AND CONDUIT BACK TO PANEL. FIELD VERIFY.
- 2 REMOVE EXISTING BOILER FLUE PIPE, FLUE CAP, AND SUPPORTS. FIELD VERIFY.
- 3 EXISTING HOODS/SCREENS PAD TO REMAIN.
- 4 DOUBLE WALL TYPE B FLUE.
- 5 CONNECT 10" Ø FLUE UP THRU EXISTING OPENING IN ROOF TO FLUE CAP. MINIMUM 4'-0" ABOVE ROOF. RE: DETAIL 5/MC2.
- 6 EXISTING COMBUSTION AIR INTAKE COVERS TO REMAIN.
- 7 INSTALL NEW BOILER ON EXISTING HOODS/SCREENS PAD.



**Juvenile Justice Center**  
 Renovations at  
 address  
 Galveston, Texas



06/30/2011	ISSUED FOR REVIEW
06/30/2011	ISSUED FOR PERMIT REVIEW
06/30/2011	ISSUED FOR CONSTRUCTION
06/30/2011	ISSUED FOR CONSTRUCTION
06/30/2011	ISSUED FOR CONSTRUCTION
06/30/2011	ISSUED FOR CONSTRUCTION
06/30/2011	ISSUED FOR CONSTRUCTION
06/30/2011	ISSUED FOR CONSTRUCTION

**M1.0**  
 SHEET NUMBER  
 PROJECT NO. 09-005